Sputter Samples for ETA-RT Tester Verification

Conditions Setup of the Balzers Sputter was like shown in the Printout of 28.05 98 17:52:10
Substrates with no groove are used

	o. Description	Sputter stat.	storts PC1	t[s]	storts 2	t[s]	PC3	t[s]	storts 4 P	t[s]	stots 22	^ஆ ; t[s]	Stoths (6	t[s]
00	01 Cleardisc 02 Cleardisc 03 Cleardisc	not sput. not sput. not sput.						:						
110	01 single layer 02 single layer 03 single layer	ZnS+SiO2 sput. ZnS+SiO2 sput. ZnS+SiO2 sput.	2 2 2	9,00										
40	01 single layer 01 single layer	ZnS+SiO2 sput ZnS+SiO2 sput			2	9,00					2	9,00		
30	01 single layer 02 single layer 03 single layer	AginSbTe sput. AginSbTe sput. AginSbTe sput.							1 1					
50	01 single layer 02 single layer 03 single layer	AITi sput AITi sput AITi sput											1 1 1	1,00
60	11 triple layer 12 triple layer 13 triple layer	RW-layer stack RW-layer stack RW-layer stack	1 1	5,35	1 1 1	5,35 5,35 5,35			1 1	8,78 8,78 8,78	1 1			
70	11 triple layer 2 triple layer 13 triple layer	RW-layer stack RW-layer stack RW-layer stack	1	5,35 5,35 5,35	1 1	5,35 5,35 5,35			1 1	7,00 7,00 7,00	1	3,53 3,53 3,53		
80 80	1 triple layer 2 triple layer 3 triple layer	RW-layer stack RW-layer stack RW-layer stack	1	5,35 5,35 5,35					1 1	7,00 7,00 7,00	1	6,00 6,00 6,00		
90 90	1 quadro layer 2 quadro layer		1	5,35 5,35 5,35					1 1	7,00 7,00 7,00 7,00	1	6.00 6,00 6,00	1 1	1,00

Sputter rates and calculated and measured layer thicknesses

	90000000 00000000000000000000000000000	C meas.			e refractive			F	Marie and the second second second	MIXIII
PC1 PC2	PC3	PCS	90d	eseud	AginSbTe		ZuS+SiO2		AITI	
A/s] [A/s] [#	Vs] [A/s]	[A/s]	[Å/\$]	William Program (1) Wilking Connection	n	k .	n	k	n	k
82,2] 82,2]	20,5	82.2	200,0	amorph:	3,92	-4,85	2,125	0	24	
				crystall.	4,83	-1,86		PC	1.57	

ETA-RT values

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	cal. Thick.	meas. thick.	u	K	thick	fit_dev	thick	fit_dev	thick	fit_dev	thick	fit_dev
No	. [nm]	[nm]	[1]	[1]								
						j	<u> </u>	 	 		 	
001	0,0									 -		
002												
003												
100					45/0		45/90		45/180		45/070	
101	148,0					2 2205 05		0.4055.05			45/270	
10	148.0					3,328E-05		2,185E-05		1,977E-05		6,520E-05
						1,881E-05		6,609E-05		3,450E-05		2,025E-05
103	148,0	I			156,00	2,573E-05	156,00	7,507E-05	156,00	2,088E-05	156,00	2,562E-05
ļ		ļ										
	148,0					1,977E-05	153,70	2,003E-05	153,70	2,071E-05	153,70	2,241E-05
401	148,0				154,10	1,623E-05	154,10	3,002E-04	169,00	1,327E-05	169,00	1,673E-04
				1								
301												
302								-	-			
303	55.4											
501	60.0								·			
502												
503												
601	135,0											
	135,0											
	135.0											
003	100.0											
704	131,3											
	131,3											
										1		
703	131,3											
	107.6											
	107,6											
803	107,6											
	127.6							·				
902	127,6											
903	127.6											
		are api	or. +/-	3 nm	correct					1		
	seepasta 1000000000000000000000000000000000000											